IInd & Final

M. A. R. 57 (Rule 116)
Measurement Book

No. B 488838

Serial No. ..... Improvements and Maintaince of Culvert at BHEL main Colony and
Name of Work ..... Surrounding Area From Ward 13, Maltesandra Shettyhally Sub Div
Name of Contractor of nature of Agency ..... Sri. D.V. Kumar, Bangalore.
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate cost - 10.00 Lakh						
	JOB CODE - 013.20 - 000013. P code - 1771						
	Technical Sanction - EE/DD/TS/66/18-19 date - 31.01.2019						
	Work order No - EE/DD/WO/420/19-20 - date. 18/10/19						
	Item No (1) Earth work excavation by Manual Means for Roads drains & Similar works in ordinary soil. including excavated surface leveled & sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete @ 100 Foundation						

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2015 A CWSS -	1	5.00	2.00	1.10	11.00	
	Near 2015 A cwss (Drain)	1	6.90	1.60	1.25	13.80	
	2015 cwss -	1	6.60	2.00	1.50	19.80	
	2015 D cwss -	1	5.90	2.00	1.30	15.34	
	1315 cwss -	1	5.80	1.90	1.40	15.42	
	2nd cwss -	1	5.30	2.00	1.30	13.78	
	415 main -	1	5.70	1.90	1.30	14.02	
						103.21/m³	
			Qnty Cwtted to			103.18/m³	
			Rate. 222.00/m³				22913.00

Item No 02 - Excavation and Carriage P.C.C. @ MIX 1:3:6 with apc @ 220kgs with crushed stone and sharp sized graded gravels.

M. A. R. 57 (Rule 116)
Measurement Book
No. B 488830

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Metal coarse aggregate @ 0.89 cum and fine aggregate @ 0.66 cum in foundation Mechanically Mixed placed in foundation and compacted by Vibration including curing for 14 days, including cost of all materials Labour, Hom clay power worker Scaffolding and centring complete @ pos specification.						
	2015 A CWSS -	1	5.00	2.00	0.15	1.50	
	Near 2015 A CWSS (Drain)	1	6.90	1.60	0.15	1.65	
	2015 CWSS -	1	6.60	2.00	0.20	2.64	
	2015 D CWSS	1	5.90	2.00	0.20	2.36	
	1315 CWSS	1	5.80	1.90	0.20	2.20	

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd cwss –	1	5.30	2.00	0.20	2.12	
	415 main –	1	5.70	1.90	0.15	1.62	
						14.07/m²	
			Rate - 5799.81/m³				81603.00
Item 8	Providing and Laying plain/ Reinforced cement concrete for Sole						
	Jacket using M20 nominal mix concrete upto @ 300 mm above						
	and downside Jacket Metal coarse aggregates @ 0.69 cum and						
	fine aggregates at 0.43 cum Machine mixed all complete for wall						
	and bottom lining central shuttering cost of materials from of						
	Mahuary Camp etc complete except cost of steel as per Worksheet						
	No 1500, 1402, 2000, Labour cost of materials Labour Heavy Complete						
	as per specification. Wall						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 488840

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Raft 2nd Apy	1	5.00	2.00	0.15	1.50	
	Near 2015 Acwss (Extra)	1	6.90	1.60	0.15	1.65	
	2015 Cwss	1	6.60	2.00	0.15	1.98	
	2015 D Cwss	1	5.90	2.00	0.15	1.77	
	1/15 cwss –	1	5.80	1.90	0.15	1.65	
	2nd wss –	1	5.30	2.00	0.15	1.59	
	415 main.	1	5.70	1.90	0.15	1.62	
	Sidewall – 2015 Acwss	2	5.00	0.25	0.90	2.25	
	Near 2015 cwss (Extra)	2	6.90	0.18	0.75	1.86	

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	201S CWSS –	2	6.60	0.25	1.15	3.79	
	201S DCWSS –	2	5.90	0.25	1.10	3.24	
	131S CWSS –	2	5.80	0.25	1.20	3.48	
	2nd CWSS –	2	5.30	0.25	0.95	2.52	
	41S Main –	2	5.70	0.25	1.00	2.85	
	R.C.C. Slab – 201S A CWSS –	1	5.00	1.95	0.30	2.92	
	Near wall A CWSS (Main) –	1	6.90	0.90	020	124	
	201S CWSS –	1	6.60	2.85	0.30	5.64	
	201S DCWSS –	1	5.90	2.40	0.30	4.24	
	131S CWSS –	1	5.80	2.80	0.30	4.87	
	2nd CWSS –	1	5.30	1.20	0.25	1.59	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 488841

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	41S Main –	1	5.70	1.75	0.30	2.99	
						55.24 kg	
			Rate · 7562.90/kg			–	4,17,779.00
	NO(01) – Providing TMT steel reinforcement for R.C.C. work including cutting bending hooking placing in position tying with binding wire and giving to the adjacent Mazdoor where ever required complete as per design (Cap washer and wastage shall not be measured and paid) cost of all materials Labour from complete @ as per specification –						

Scanned by CamScanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty @ por pre measurement and recorded in this MB page No 488888 to 488890 - vide Item No (04) - 4.971mt - Rate - 77368.17/ Tonne -						77B 38451
						TOTAL	906814.00
						ಪೆರಾಲಿ GST 12% =	108817.2
						TOTAL	1015631=2
							ಪೆರಾಲಿ 14/01/202

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್. ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Scanned by CamScanner